ABSTRACT

The disclosure involves a method for reducing the content of NO_x and N_2O in gases. The method includes the conduction of a gas containing N_2O and NO_X over a series of two catalyst beds containing of one or more zeolites charged with iron followed by the: addition of a reduction agent for NO_X between the catalyst beds. The first catalyst bed reaction zone is used to degrade the N_2O and the catalyst bed second reaction zone reduces the NO_X and breaks down at least part of the remaining N_2O. The inventive device comprises at least one radially traversed catalyst bed.